



**OAQ CONTROL EQUIPMENT APPLICATION**  
**CE-06: Organics – Flare / Oxidizer / Incinerator**

State Form 52623 (3-06)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**IDEM - Office of Air Quality - Permits Branch**  
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[www.IN.gov/idem/air/permits/index.html](http://www.IN.gov/idem/air/permits/index.html)

**NOTES:**

- The purpose of CE-06 is to identify all the parameters that describe the oxidizer or incinerator. This is a required form.
- Complete this form once for each oxidizer or incinerator (or once for each set of identical oxidizers or incinerators).
- Detailed **instructions** for this form are available online at [www.in.gov/idem/air/permits/apps/instructions/ce06instructions.html](http://www.in.gov/idem/air/permits/apps/instructions/ce06instructions.html).
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

**PART A: Identification and Description of Control Equipment**

Part A identifies the control device and describes its physical properties.

<b>1. Control Equipment ID:</b>	
<b>2. Installation Date:</b>	
<b>3. Incineration Method:</b>	<input type="checkbox"/> Flare <input type="checkbox"/> Thermal Oxidizer <input type="checkbox"/> Catalytic Oxidizer <input type="checkbox"/> Other (specify):
<b>4. Residence Time (specify units):</b>	
<b>5. Hood Static Pressure (specify units):</b>	Negative Pressure? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>6. Bed Temperature at the Flame Zone:</b>	°F
<b>7. Fuel Used:</b>	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Natural Gas Only <input type="checkbox"/> Other – Attach completed PI-02F form.
<b>8. Is the Gas Stream used as Overfire Air?</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes: Combustion Unit ID:
<b>9. Location of Flame (flares only):</b>	<input type="checkbox"/> Ground Level <input type="checkbox"/> Other (specify elevation and units of measure):
<b>10. Are Flame Arrestors used? (flares only)</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes
<b>11. Are Steam Jets used? (flares only)</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes
<b>12. How is the flare used? (flares only)</b>	<input type="checkbox"/> Emergency only <input type="checkbox"/> Normal Operation <input type="checkbox"/> Other (specify):
<b>13. Catalyst Material:</b>	<input type="checkbox"/> None <input type="checkbox"/> Specify:
<b>14. Number of Catalyst Beds:</b>	<input type="checkbox"/> Not Applicable
<b>15. Is the Catalyst Cleaned and reused on-site?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<b>16. Is a Heat Exchanger used to recover heat on this device?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>17. Heat Exchanger Type:</b>	<input type="checkbox"/> Recuperator <input type="checkbox"/> Regenerator <input type="checkbox"/> Other (specify): <input type="checkbox"/> Not Applicable

**PART B: Operational Parameters**

Part B provides the operational parameters of the control device and the pollutant laden gas stream.

	<b>A. Units</b>	<b>B. Inlet</b>	<b>C. Outlet</b>	<b>D. Differential</b>
<b>18. Organic Vapor Concentration (by volume)</b>	ppmv			
<b>19. Gas Stream Flow Rate</b>	ACFM			
<b>20. Moisture Content</b>	%			
<b>21. Heat Content (for Flares)</b>	%			
<b>22. Excess Oxygen (for Oxidizers)</b>	%			
<b>23. Particle Size Range</b>	micrometers			to
<b>24. Other (specify):</b>				

### PART C: Pollutant Concentrations

Part C provides the pollutant concentrations of the pollutant laden gas stream.

	25. Units	26. Inlet	27. Outlet	28. Efficiency (%):	
				Capture	Control
<input type="checkbox"/> a. Carbon Monoxide (CO)					
<input type="checkbox"/> b. Hazardous Air Pollutant (HAP) ( <i>specify</i> ):					
<input type="checkbox"/> c. Particulate Matter (PM)					
<input type="checkbox"/> d. Particulate Matter less than 10 $\mu$ m (PM <sub>10</sub> )					
<input type="checkbox"/> e. Particulate Matter less than 2.5 $\mu$ m (PM <sub>2.5</sub> )					
<input type="checkbox"/> f. Volatile Organic Compounds (VOC)					
<input type="checkbox"/> g. Other Pollutant ( <i>specify</i> ):					

### PART D: Monitoring, Record Keeping, & Testing Procedures

Part D identifies any existing or proposed monitoring, record keeping, & testing procedures that may need to be included in the permit.

29. Item(s) Monitored:				
30. Monitoring Frequency:				
31. Item(s) Recorded:				
32. Record Keeping Frequency:				
33. Pollutant(s) Tested:				
34. Test Method(s):				
35. Testing Frequency:				

### PART E: Preventive Maintenance Plan

Part E verifies that a complete Preventive Maintenance Plan (PMP) has been prepared for the control device, if applicable. Use this table as a checklist to ensure that the PMP is complete.

#### 36. Do you have a Preventive Maintenance Plan (PMP)?

☐ No PMP is needed. ☐ Yes – the following items are identified on the PMP:

<input type="checkbox"/> A.	Identification of the individual(s) responsible for inspecting, maintaining and repairing emission control devices.
<input type="checkbox"/> B.	Description of the items or conditions that will be inspected.
<input type="checkbox"/> C.	Schedule for inspection of items or conditions described above.
<input type="checkbox"/> D.	Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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